

# SEQUENCE LISTING

<110> Friddle, Carl Johan  
Hilbun, Erin  
Gerhardt, Brenda  
Turner, C. Alexander Jr.

<120> Novel Human Ion Channel Protein and Polynucleotides Encoding the Same

<130> LEX-0251-USA

<150> US 60/239,623

<151> 2000-10-10

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1371

<212> DNA

<213> homo sapiens

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<211> 456

<212> PRT

<213> homo sapiens

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Arg Phe Pro	Asp Thr	Leu Leu Gly Asp	Pro Ala Arg Arg Gly Arg Phe
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Tyr Asp Asp	Ala Arg	Arg Glu Tyr	Phe Phe Asp Arg His Arg Pro Ser
	50	55	60
Phe Asp Ala	Val Leu	Tyr Tyr	Gln Ser Gly Gly Arg Leu Arg Arg
	65	70	75
Pro Ala His	Val Pro	Leu Asp Val	Phe Leu Glu Glu Val Ala Phe Tyr
	85	90	95
Gly Leu Gly	Ala Ala	Leu Ala	Arg Leu Arg Glu Asp Glu Gly Cys
	100	105	110
Pro Val Pro	Pro Glu	Arg Pro	Leu Pro Arg Arg Ala Phe Ala Arg Gln
	115	120	125
Leu Trp Leu	Leu Phe	Glu Phe	Pro Glu Ser Ser Gln Ala Ala Arg Val
	130	135	140
Leu Ala Val	Val Ser	Val Leu	Val Ile Leu Val Ser Ile Val Val Phe
	145	150	155
Cys Leu Glu	Thr Leu	Pro Asp	Phe Arg Asp Asp Arg Asp Gly Thr Gly
	165	170	175
Leu Ala Ala	Ala Ala	Ala Gly	Pro Phe Pro Ala Arg Leu Asn Gly
	180	185	190
Ser Ser Gln	Met Pro	Gly Asn	Pro Pro Arg Leu Pro Phe Asn Asp Pro
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Phe Phe Val	Val Glu	Thr Leu	Cys Ile Cys Trp Phe Ser Phe Glu Leu
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Val Met Asn	Leu Ile	Asp Phe	Val Ala Ile Leu Pro Tyr Phe Val Ala
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Leu Gly Thr	Glu Leu	Ala Arg	Gln Arg Gly Val Gly Gln Gln Ala Met
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Ser Leu Ala	Ile Leu	Arg Val	Ile Arg Leu Val Arg Val Phe Arg Ile
	275	280	285
Phe Lys Leu	Ser Arg	His Ser	Lys Gly Leu Gln Ile Leu Gly Gln Thr
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Ile Gly Val	Val Leu	Phe Ser	Ser Ala Val Tyr Phe Ala Glu Val Asp
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Arg Val Asp	Ser His	Phe Thr	Ser Ile Pro Glu Ser Phe Trp Trp Ala
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Val Val Thr	Met Thr	Thr Val	Gly Tyr Gly Asp Met Ala Pro Val Thr
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Val Gly Gly	Lys Ile	Val Gly	Ser Leu Cys Ala Ile Ala Gly Val Leu
	370	375	380
Thr Ile Ser	Leu Pro	Val Pro	Val Ile Val Ser Asn Phe Ser Tyr Phe
	385	390	395
Tyr His Arg	Glu Thr	Glu Gly	Glu Glu Ala Gly Met Phe Ser His Val
	405	410	415
Asp Met Gln	Pro Cys	Gly Pro	Leu Glu Gly Lys Ala Asn Gly Gly Leu
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Gly Lys His	Leu Val	Thr Glu	Val

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 <212> DNA  
 <213> homo sapiens

<400> 3

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